

## CLAIMS

1. Method for detecting and/or identifying bacteria present in a liquid or solid sample, characterized in that:
  - a. the sample that may contain said bacteria is placed in a liquid culture medium (2), in a first container (1),
  - b. a second container (4) comprising at least one system (6) for detecting said bacteria is provided,
  - c. a means of transfer (3) between the first container (1) and the second container (4) is provided,
  - d. a temperature T1 is applied inside the second container (4), then
  - e. a temperature T2 is applied inside the second container (4),
  - f. the temperature T1 is higher than the temperature T2 such that a defined volume of culture medium (2) is transferred from the first container (1) to the second container (4),
  - g. the presence or absence of bacteria is determined and/or the bacteria are identified within the detection system (6).
2. Method according to Claim 1, characterized in that the transfer means (3) comprises at least a first opening (7) in the first container (1) and at least a second opening (8) in the second container (4).
3. Method according to Claim 2, characterized in that the second container (4) delimits a first volume of air (9) between the second opening (8) and the detection system (6) and/or the transfer means (3) delimits a second volume of air (16) between the first opening (7) and the second opening (8).
4. Method according to any one of Claims 1 to 3, characterized in that T1 is between 25 and 45°C, preferably between 30 and 42°C.

5. Method according to any one of Claims 1 to 4, characterized in that T2 is between, preferably between 4 and 24°C, preferably between 13 and 18°C.
6. Method for detecting and/or identifying bacteria present in a liquid or solid sample, characterized in that:
- a. the sample that may contain said bacteria is placed in a liquid culture medium (2), in a first container (1),
  - b. a second container (4) comprising at least one system (6) for detecting said bacteria is provided,
  - c. a means of transfer (3) between the first container (1) and the second container (4) is provided,
  - d. a temperature T1 is applied inside the first container (1), then
  - e. a temperature T2 is applied inside the first container (1),
  - f. the temperature T1 is lower than the temperature T2 such that a defined volume of culture medium (2) is transferred from the first container (1) to the second container (4),
  - g. the presence or absence of bacteria is determined and/or the bacteria are identified within the detection system (6).
7. Device for detecting and/or identifying bacteria in a sample, comprising:
- a second container (4), comprising at least one detection system (6), and
  - at least one means of transfer (3) between a first container (1) and the second container (4), said transfer means comprising at least a first opening (7) in the first container (1) and at least a second opening (8) in the second container (4).
8. Device according to Claim 7, characterized in that the second container (4) delimits a first volume of air (9) between the second opening (8) and the detection system (6) and/or the transfer means (3) delimits a second volume of air (16) between the first opening (7) and the second opening (8).

9. Device according to Claim 7 or 8, characterized in that the transfer means (3) is a non-capillary conduit.
10. Device according to any one of Claims 7 to 9, characterized in that the second  
5 container (4) is included in the first container (1).
11. Kit for detecting and/or identifying bacteria, for implementing the method according to any one of Claims 1 to 6.